



IDENTIFY X BIT(S) IN THE  
UN-PROGRAMMED STATE, WHERE  
"X" IS SUFFICIENT TO INTRODUCE  
AN UNCORRECTABLE ERROR IN  
THE WORD

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✓

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SWITCH THE X BIT(S) FROM THE  
UN-PROGRAMMED STATE TO THE  
PROGRAMMED STATE

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FIGURE 2

IDENTIFY A SINGLE BIT THAT IS  
IN THE UNPROGRAMMED STATE

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GENERATE A SECOND WORD, WHEREIN  
ALL OF THE DATA BITS IN THE SECOND  
WORD ARE IN THE UN-PROGRAMMED  
STATE EXCEPT FOR THE BIT THAT  
CORRESPONDS TO THE SINGLE BIT

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✓

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OVERWRITE THE FIRST WORD WITH  
THE SECOND WORD

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FIGURE 7